CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Previously presented) A contact mat for electrical contacting of an actuator comprising:

- a number of electrically-conductive wires arranged next to one another, and
- a number of mechanical transversal connections between the individual wires, wherein

the transversal connections consist in each case of one terminal post of the actuator.

2. (Previously presented) A contact mat in accordance with claim 1, wherein

the terminal posts comprise wire guides to mechanically guide the wires.

3. (Previously presented) A contact mat in accordance with claim 2, wherein

the wire guides consist of a flattening of the terminal posts.

4. (Previously presented) A contact mat in accordance with claim 2, wherein

the wire guides consist of nicks in the terminal posts, with the nicks running in the longitudinal direction of the wires.

5. (Previously presented) A contact mat in accordance with claim 1, wherein

the terminal posts are essentially arranged equidistantly in the longitudinal direction of the wires.

6. (Previously presented) A contact mat in accordance with claim 1, wherein

the terminal posts are arranged in the longitudinal direction of the wires at a distance which is greater than the length of the wires for a complete contacted actuator.

7. (Previously presented) A contact mat in accordance with claim 1, wherein

the terminal posts are connected to the wires by a solder connection.

8. (Previously presented) A contact mat in accordance with claim 1, wherein

the individual wires between the terminal posts are connected to each other by a flexible material.

9. (Previously presented) A contact mat in accordance with claim 8, wherein

the flexible material is elastic and/or vibration-damping.

10. (Previously presented) A contact mat in accordance with claim 8, wherein

the individual wires are encapsulated in the flexible material.

11. (Previously presented) A contact mat in accordance with claim 1, wherein,

the individual wires are molded within or extrusion coated with the flexible material.

12. (Previously presented)An actuator with a contact mat in accordance with one claim 1, for electrical connection of a piezo stack with two terminal posts.

13. (Previously presented) An injector for an injection system with an actuator in accordance with claim 12.

14. (**Withdrawn**) A production method for a contact mat for electrical contacting of an actuator, comprising the following steps of:

- Arrangement of a number of electrically-conductive wires next to each other,
- Mechanical connection of individual wires to each other by a number of transversal connections,

wherein

the transversal connections consist in each case of one terminal post of the actuator.

15. (**Withdrawn**) A production method in accordance with claim 14,

wherein

the terminal posts are connected to the wires by a solder connection.

16. (**Withdrawn**) A production method in accordance with claim 14,

wherein

the wires are unwound from one or more feed rolls, to arrange the wires next to one another.

17. (**Withdrawn**) A production method in accordance with claim 14, comprising

the following steps:

- Attaching the wires of a first contact mat to a first contact strip of an actuator,
- Separating the wires of the first contact mat between the two terminal posts which are closest to the actuator,
- Attaching the wires of a second contact mat to a second contact strip of the same actuator,
- Separating the wires of the second contact mat between the two terminal posts which are closest to the actuator.

18. (**Withdrawn**) A production method in accordance with claim 14, wherein

the wires of the contact mat between the terminal posts are connected to one another by a flexible material.

19. (**Withdrawn**) A production method in accordance with claim 18, wherein

the flexible material is elastic and/or vibration-damping.

20. (**Withdrawn**) A production method in accordance with claim 18, wherein

the individual wires are encapsulated with the flexible material.

21. (**Withdrawn**) A production method in accordance with claim 18, wherein

the individual wires are molded within or injection coated with the flexible material.

22. (**Withdrawn**) A production method in accordance with claim 18, wherein

the individual wires are interconnected by the wires being immersed in the flexible material with the flexible material coating the wires and forming connection bridges between the wires.

23. (**Withdrawn**) A production method in accordance with claim 22, wherein

the wires are immersed in the liquid flexible material before the wires are connected to the actuator body and the associated terminal posts.

24. (**Withdrawn**) A production method in accordance with claim 23, wherein

the wires together with the actuator body and the terminal posts are immersed in the liquid material after the wires have been connected to the actuator body and the associated terminal posts.

25. (**Withdrawn**) A production method in accordance with claim 17, wherein

the actuator body with the associated terminal posts and the contact mat are encapsulated with an encapsulant.